

DW7700

Physical Appearance






Features

DW7700

- Stack of 1 modem total
- 2 Ethernet ports on rear panel
- Supports DiRECWAY Enterprise services
- Supports DiRECWAY VPN Accelerator
- Embedded web interface for local status and troubleshooting
- Universal power supply supports international voltage ranges

Specifications



		 <p>The Next Generation DW7700.</p>
<p>DW6000</p> <p>The DW6000 is a cost effective satellite terminal providing high speed broadband access to the large enterprises, small/medium enterprises and also the rural markets.</p>	<p>DW7000</p> <p>The DW7000 has a high performance broadband satellite router designed to provide high speed access for large enterprises, government, and small/med. Enterprise markets.</p>	<p>DW7700</p> <p>The DW7700 has been designed to provide unsurpassed performance for even the most bandwidth intensive applications.</p>
<ul style="list-style-type: none"> • Supports unicast and multicast IP Traffic 	<ul style="list-style-type: none"> • Supports unicast and multicast IP traffic 	<ul style="list-style-type: none"> • Supports unicast and multicast IP traffic
<ul style="list-style-type: none"> • Software and configuration updates via download 	<ul style="list-style-type: none"> • Software and configuration updates via download from the NOC 	<ul style="list-style-type: none"> • Direcway acceleration and compression technology: <ul style="list-style-type: none"> -Web acceleration (TurboPage) -Protocol acceleration PEP -Data compression -VPN accelerator
<ul style="list-style-type: none"> • Implements performance enhancement proxy software to accelerate the throughput performance by optimizing the TCP transmission over the satellite 	<ul style="list-style-type: none"> • Implements performance enhancement proxy software to accelerate the throughput performance by optimizing the TCP transmission over the satellite, delivering superior user experience and link efficiency 	<ul style="list-style-type: none"> • Software and configuration updates via download from the NOC
<ul style="list-style-type: none"> • Bi-directional data compression 	<ul style="list-style-type: none"> • Implements Turbopage software to accelerate HTTP traffic for fast browser access 	<ul style="list-style-type: none"> • Quality of service features include IQoS, bi-directional DSCP, and outbound bandwidth management
<ul style="list-style-type: none"> • Configuration, status monitoring, and commissioning via the NOC 	<ul style="list-style-type: none"> • Quality of service features include IQoS, bi-directional DSCP, and outbound bandwidth management 	<ul style="list-style-type: none"> • Bi-directional data compression
<ul style="list-style-type: none"> • Acts as a local router providing: <ul style="list-style-type: none"> -Static and dynamic addressing -DHCP server -Responses to ICMP messages -Multicasts to the LAN by using IGMP -PPPoE for multiple computer users -Simple NAT and firewall support 	<ul style="list-style-type: none"> • Supports Direcway VPN accelerator 	<ul style="list-style-type: none"> • Configuration, status monitoring, and commissioning via the NOC
<ul style="list-style-type: none"> • Throughput: <ul style="list-style-type: none"> -Up to 16 Mbps of multicast/streaming traffic -Up to 2 Mbps of TCP/HTTP spoofed traffic 	<ul style="list-style-type: none"> • Bi-directional data compression 	<ul style="list-style-type: none"> • Embedded web interface for local status and troubleshooting

<ul style="list-style-type: none"> Remote terminal management via the HNS vision network management system and SNMP agent 	<ul style="list-style-type: none"> Configuration, status monitoring, and commissioning via the NOC 	<ul style="list-style-type: none"> Acts as a local router providing: <ul style="list-style-type: none"> -Static and dynamic addressing -DHCP server or relay -DNS caching -Full RIPv2 routing support -Multicasts to the LAN by using IGMP -NAT/PAT -VLAN tagging -Firewall support through integrated access control lists
<ul style="list-style-type: none"> Universal power supply supports international voltage ranges and frequencies and has a detachable power cord 	<ul style="list-style-type: none"> Acts as a local router providing: <ul style="list-style-type: none"> -Static and dynamic addressing -DHCP server or relay -DNS caching -Full RIPv2 routing support -Multicasts to the LAN by using IGMP -NAT/PAT -VLAN tagging -Firewall support through integrated access control lists 	<ul style="list-style-type: none"> Serial protocols supported: <ul style="list-style-type: none"> -SDLC end-to-end (pu4topu2.0.pu2.1) -SDLC remote, LLC NOC (pu4 to pu2.0/pu2.1) -X.25 -XPAD -Veriphone 3200 (visa) -Veriphone 3300 (visa)
<ul style="list-style-type: none"> User friendly LED indicating terminal operational status 	<ul style="list-style-type: none"> Throughput: <ul style="list-style-type: none"> -At least 45 Mbps of multicast/streaming traffic -At least 4 Mbps of FTP traffic -At least 2 Mbps of HTTP accelerated traffic -At least Mbps of UDP traffic 	<ul style="list-style-type: none"> Receive data Rates (downstream): <ul style="list-style-type: none"> -At least 45 Mbps of multicast/streaming traffic -At least 4 Mbps of FTP traffic -At least 2 Mbps of HTTP accelerated traffic -At least 10 Mbps of UDP traffic -Any combination of the above w/ proportional performance
	<ul style="list-style-type: none"> Remote terminal management via HNS vision network management system or unified element manager and SNMP agent 	<ul style="list-style-type: none"> Remote terminal management via the HNS vision network management system or unified element manager and SNMP agent
	<ul style="list-style-type: none"> Universal power supply supports international voltage ranges and frequencies and has a detachable power cord 	<ul style="list-style-type: none"> Universal power supply supports international voltage ranges and frequencies and has a detachable power cord
	<ul style="list-style-type: none"> User friendly LED display indicating terminal operational status 	<ul style="list-style-type: none"> User friendly LED display indicating terminal operational status

GLOSSARY:

1. TCP- Transmission control protocol
2. BI-DIRECTIONAL DATA COMPRESSION- Data going up and down while being compressed
3. DHCP-Dynamic host configuration protocol
4. IGMP-Internet group management protocol
5. SNMP-Simple network management protocol
6. PPPoE- Point to point protocol over Ethernet. Used for authentication.